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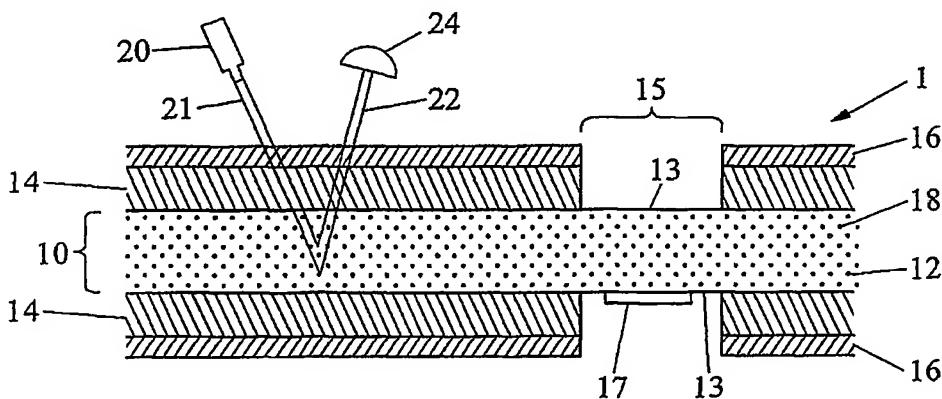
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(54) Title: SECURITY DOCUMENT WITH UPCONVERTING MATERIAL



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(57) Abstract: A security document (1) comprises a substrate (10) including at least one layer of polymeric material (12, 26) and containing an upconverting fluorescent material (18), and at least one coating (14) containing a refractive pigment applied to the substrate (10). When the security document is exposed to electromagnetic radiation of a particular wavelength, e.g. infra-red, the upconverting material (18) emits a signal of electromagnetic radiation of a shorter wavelength, e.g. visible light, and the coating (14) containing the refractive pigment enhances the signal.